



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

Some Communications, confirming the present Appearance of the Ring about Saturn, by M. Hugen de Zulechem and Mr. Hook.

THe former writeth in a Letter of his, dated at the Hague Octob. 31. 1670. ft. n. That he observ'd *Saturn* with his Telescope of 22 feet, a little before he came out of *France*, which was the last Summer of this 1670. and saw his Figure to be very conform to what it should be according to his *Hypothesis*; viz. the *Ansæ* or Arms to be very narrow, insomuch that their opening appear'd not but very obscurely.

The *Latter* hath observed the same in *London*, Septemb. 16. ft. v. as is represented in *Tab. 1. Fig. 3.*

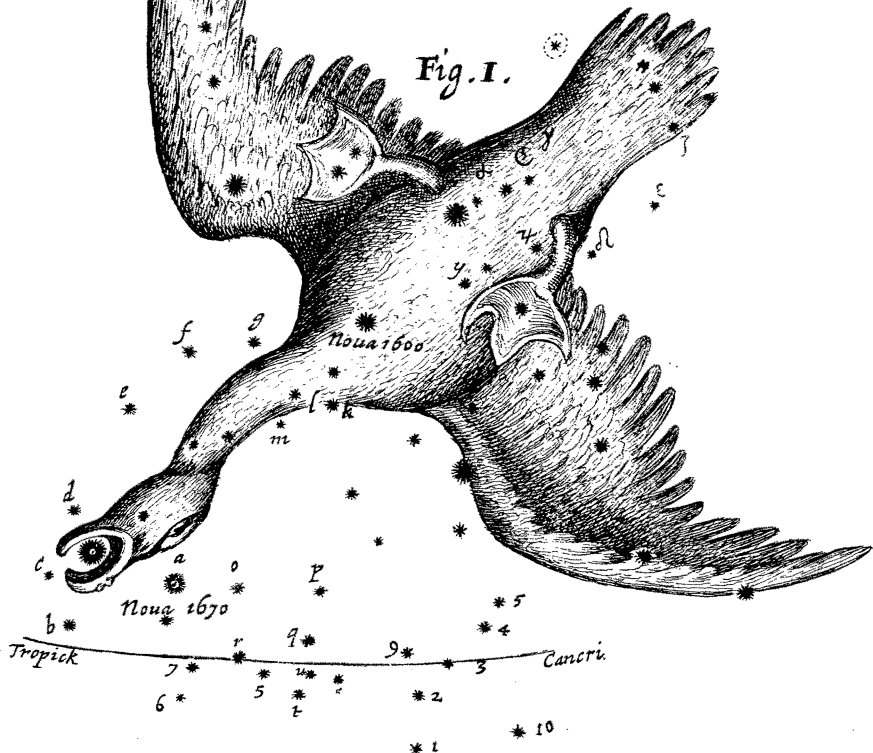
An Extract out of a lately Printed Epistolary Address, made to the G. Duke of Tuscany touching some Anatomical Engagements, of Laur. Bellini, Ord. Anat. Prof. at Pisa.

I Promise (saith that learned Anatomist) to give the whole Doctrin of *Respiration*, and to comprehend it in that order, that if I am not deceived in my own affair, the matter of the principal part of the *Vreast*, and the whole *Fabrick* of the *Lungs* shall be made certain and evident, forasmuch as all things do so aptly answer to one another, and are grounded upon Geometrical Principles. The sum of it is this in the Authors own words.

Fuit in Asperam Arteriam aer, momento composito ex gravitate & vi laterali, eaque Aeri, extrinsecus superficiem pectoris circumprimenti, æquiponderat. Hinc musculis Inspiratoriis sese contrahendi potestas permittitur; unde Costarum elevatio ac dilatatio, & aucta Pectoris amplitudo: Tum penitior Aeris irruptio, & expansio ductuum pulmonarium; quod totum in Inspiratione contingit.

Mox proprio pondere concidentibus supra tumidum Pulmonem costis, spatium Pectoris fit Angustius, & ipsarum ac diaphragmatis vi Pulmo comprimitur; Aerque partim per os extru-

Stella in Cygno
observata a
Joh. Hevelio
Anno 1670. die 25 Julij st n



Saturnus observatus
GEDANI
Anno 1670. die 26 August.
Joh. Hevelio.

Sat. obs. Lond.
a R. Hook.
Septembr $\frac{26}{16}$ 1670.

Fig. II.

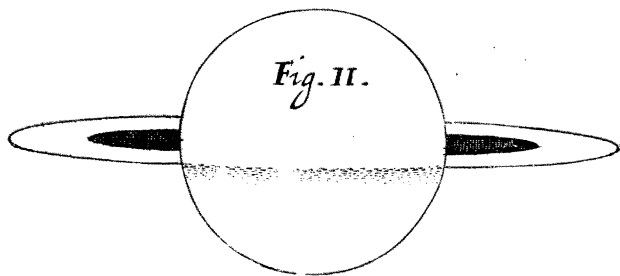


Fig III

